

PTO/SB/09a (11-08)
Approved for use through 12/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known Application Number 10/585,993-Conf. #8867 Filing Date July 13, 2006 First Named Inventor Hiroimi YOKOTA Art Unit 1793 Examiner Name C. A. Fogarty Attorney Docket Number 1823-0130PUS1	
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/C.F./	AA*	US-20010019779-A1	09-06-2001	Sakai et al.	
/C.F./	AB*	US-20060000527-A1	01-05-2006	Yokota et al.	
/C.F./	AC*	US-20080095658-A1	04-24-2008	Yokota et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/C.F./	BA	JP-10-330868-A	12-15-1998		**
/C.F./	BB	JP-8-19945-B2	03-04-1996		**
/C.F./	BC	JP-7-9046-B2	02-01-1995		**
/C.F./	BD	JP-34217124-B2	04-25-2003		**
/C.F./	BE	JP-2001-220630-A	08-14-2001		**
/C.F./	BF	JE-2002-12902-A	01-15-2002		**
/C.F./	BG	JP-10-046272-A	02-17-1998		**
/C.F./	BH	JP-04-028836-A	01-31-1992		**
/C.F./	BI	JP-2001-107106-A	04-17-2001		**
/C.F./	BJ	JP-03-247732-A	11-05-1991		**
/C.F./	BK	JP-2005-350722-A	12-22-2005		**

Examiner Signature /Caitlin Fogarty/	Date Considered	10/09/2009
---	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied under 37 CFR 1.98(a)(2)(ii) because that application was filed after June 30, 2003 or is available in the IPFW. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WFO Standard ST 3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WFO Standard ST 16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

* English language Abstract provided

PTO/SB08b (11-08)

Approved for use through 12/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to furnish information unless it contains a valid OMB control number

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/585,993-Conf. #8867
		Filing Date	July 13, 2006
		First Named Inventor	Hiroimi YOKOTA
		Art Unit	1793
		Examiner Name	C. A. Fogarty
Sheet	2	of	2
		Attorney Docket Number	1823-0130PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number/Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ² Number/Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
/C.F./	BL	JP-2005-200703-A	07-28-2005			*
/C.F./	BM	JP-2001-081523-A	03-27-2001			*

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ³
/C.F./	CA	Pre-lecture Paper of Tribology Conference of Tribology Institute of Japan (Tokyo 2003-5)				
/C.F./	CB	Office Action dated October 10, 2009 (issued in Application No. 11/148,186)				
/C.F./	CC	Office Action dated May 7, 2007 (issued in Application No. 11/148,186)				
/C.F./	CD	Office Action dated November 6, 2007 (issued in Application No. 11/148,186)				
/C.F./	CE	Office Action dated May 5, 2008 (issued in Application No. 11/148,186)				
/C.F./	CF	Office Action dated June 5, 2008 (issued in Application No. 11/148,186)				
/C.F./	CG	Office Action dated August 19, 2008 (issued in Application No. 11/148,186)				
/C.F./	CH	Office Action dated March 6, 2009 (issued in Application No. 11/148,186)				
/C.F./	CI	Office Action dated July 27, 2009 (issued in Application No. 11/148,186)				
/C.F./	CJ	Office Action dated August 13, 2009 (issued in Application No. 11/148,186)				
Examiner Signature	/Caitlin Fogarty/			Date Considered	10/09/2009	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 909. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.56(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the EWI. *Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.